

## EAST Search History

L2	0	((driving adj circuit) with (liquid adj crystal adj display adj device or LCD) same (switch\$3 adj element) and (liquid adj crystal adj capacitance) with (plurality adj gate adj lines) and (plurality adj source adj lines) and (driving adj circuit) with (gradation adj voltage adj generation adj circuit) with (plurality adj voltages) with (predetermined adj potential) and (plurality adh voltages) and (source adj line adj output) with (gradation adj voltage adh generation adj circuit) with (source adj lines) with (odd adj numbered adj columns) and (even adj numbered adj columns) with (plurality adj source adj lines) and (predetermined adj potential) with (polarities adj opposite) and (first adj shorting adj means) with (shorting adj odd adj numbered adj columns) with (source adj lines) and (second adj shorting adj means) with (shorting adj even adj numbered adj columns) with (source adj lines) and (third adj shorting adj means) with (shorting adj odd adj numbered adj columns) with (source adj lines) with (even adj numbered adj columns) with (source adj lines) and (fourth adj shorting adj means) with (shorting adj first adj voltage) with (predetermined adj potential) with (plurality adj voltages adj generated) with (gradation adj voltage adj generation adj circuit) and (second adj voltage) with lower with (predetermined adj potential) and (plurality adj voltages adj generated) with (gradation adj voltage adj generation adj circuit) with (odd adj numbered adj columns) with (source adj lines) and (even adj numbered adj columns) with (source adj lines) and switching with (first adj voltage) and (second adj voltages) with (predetermined adj cycle) and (desir\$3 adj voltages adj generat\$3) with (gradation adj voltage adj generation adj circuit) with (short\$3 with source adj lines)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 16:40
9/27/06	4:47:32 PM					Page 2

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	5577	(driving adj circuit) near4 (lcd or liquid adj crystal adj display)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 16:50
L4	10539	(voltage adj circuit) and (high\$2 adj voltage\$1) and (low\$2 adj voltage\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 16:55
L5	12	(gradation adj voltage adj circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 16:56
L6	1306	(gradation adj voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 16:56
L7	9	4 and 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 16:57
L8	162286	source near3 line\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 16:57
L10	639	(gradation near3 voltage near3 generat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 16:58

## EAST Search History

L11	2919	(gradation near3 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 16:58
L12	228	11 same 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 16:59
L13	47	3 and 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 16:59
L14	1	12 and 13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 17:02
L15	9	4 and 10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 17:02
L16	1625	4 and 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 17:03
L17	20	11 and 16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 17:05

## EAST Search History

L18	1822	(switch\$3 near3 circuit) same (source adj lines)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 17:05
L19	7	11 same 18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 17:06